FIG. 1

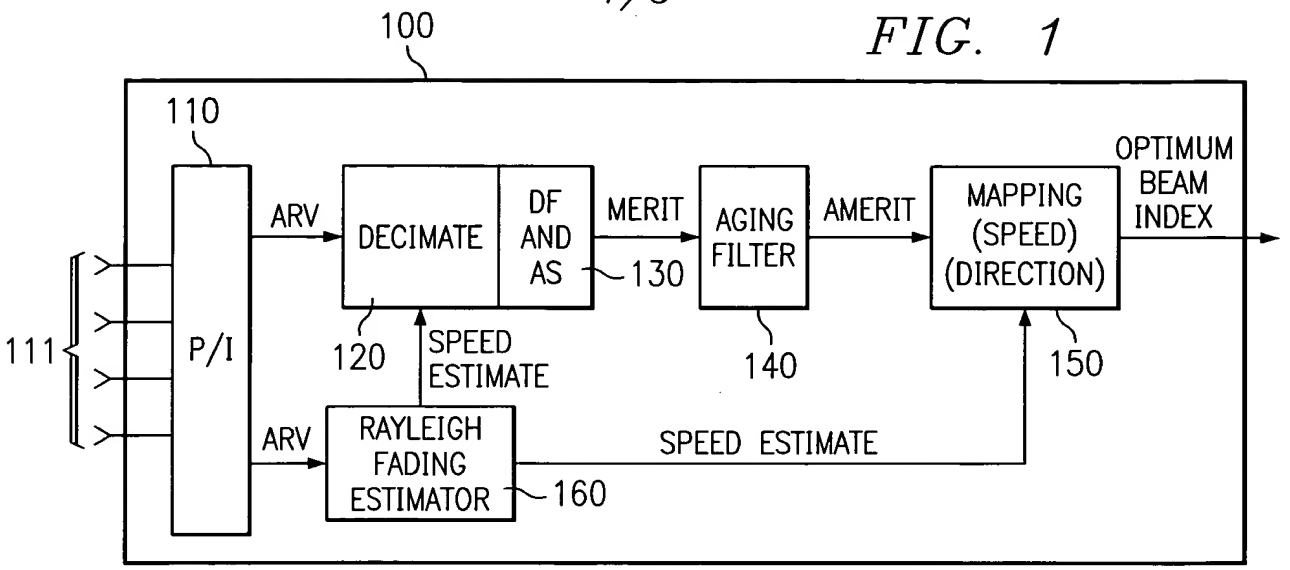


FIG. 2

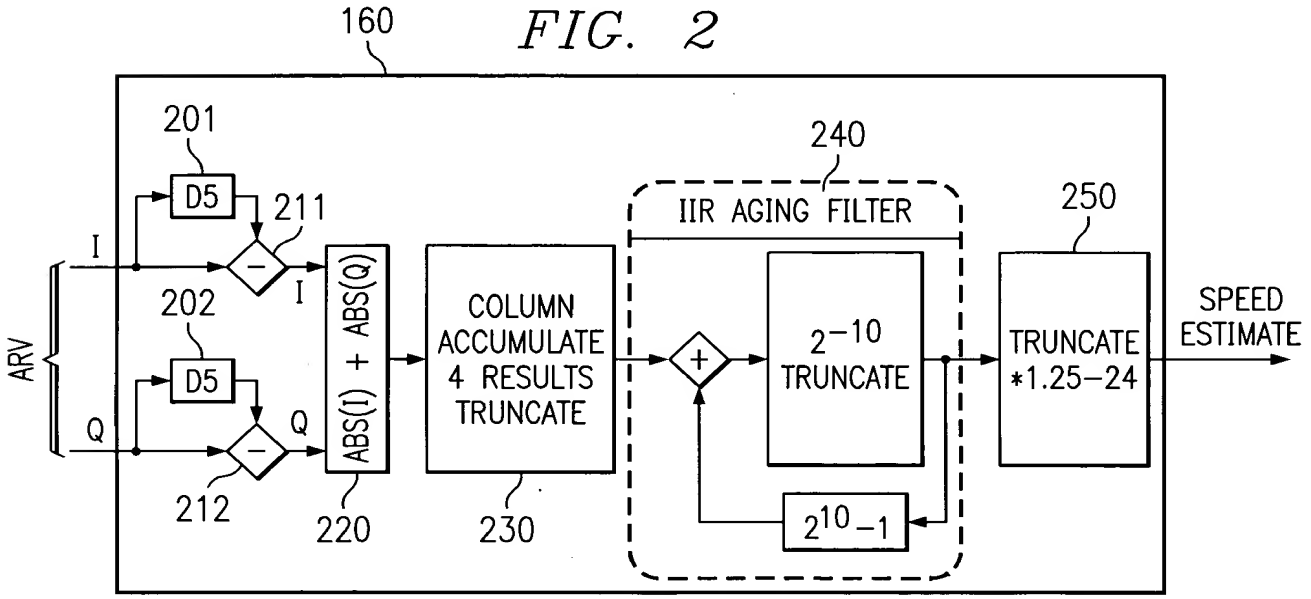
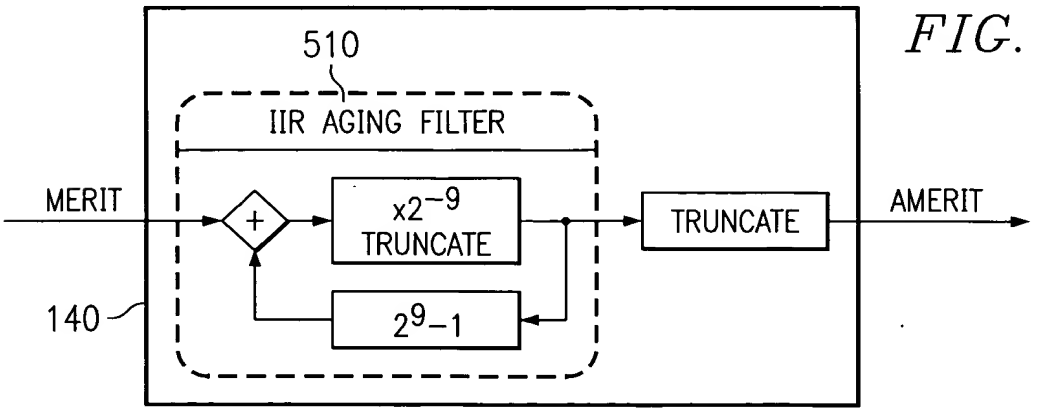


FIG. 5



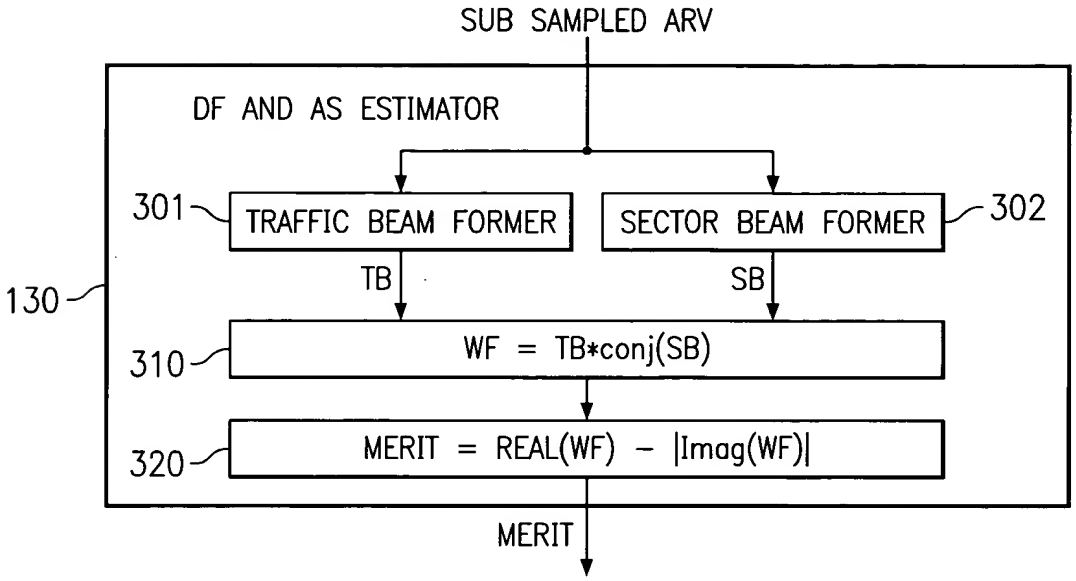


FIG. 3

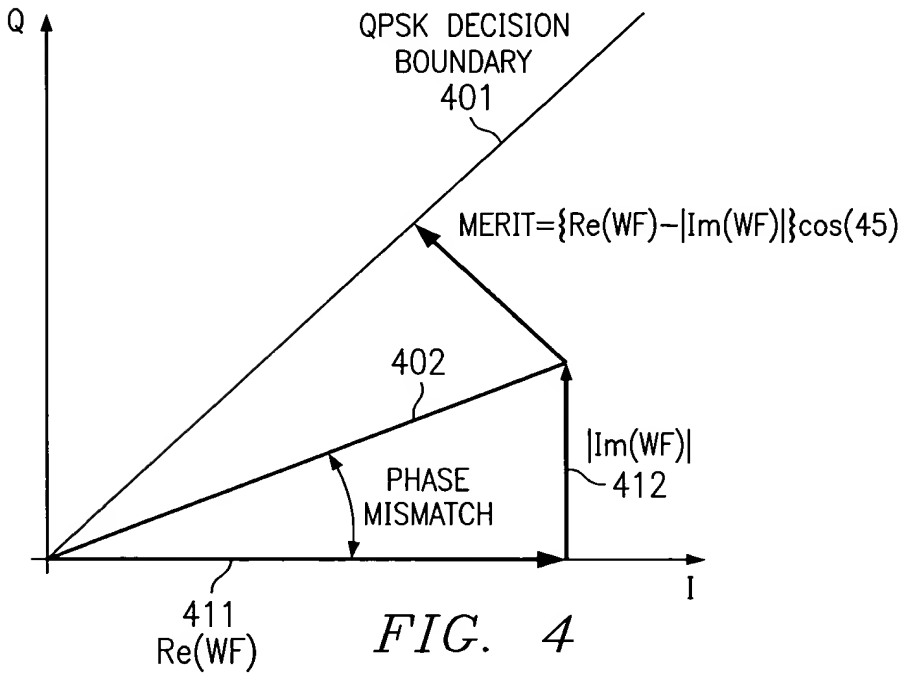


FIG. 4

10/1/2003 09:25:25

FIG. 6A

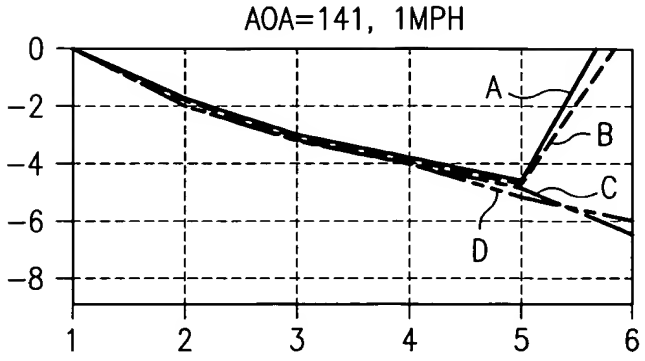


FIG. 6B

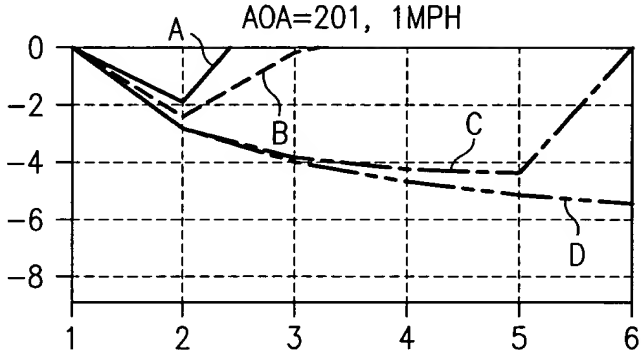


FIG. 6C

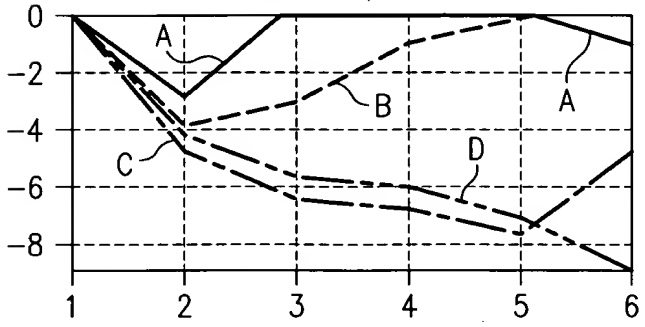
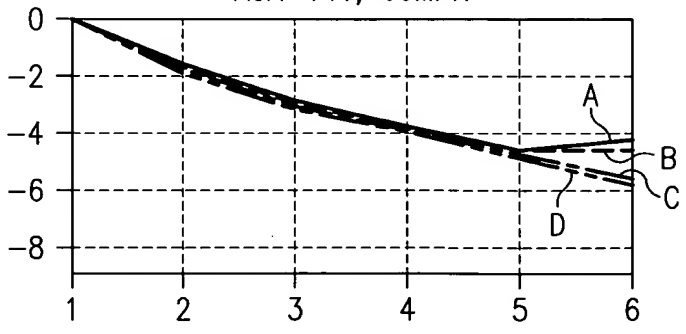


FIG. 6D



EV 475 259 569 US

FIG. 6E

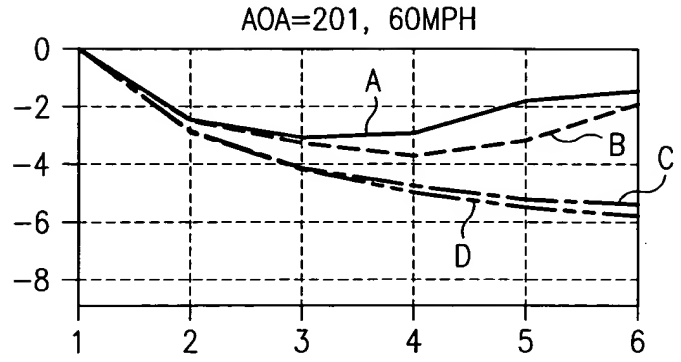


FIG. 6F

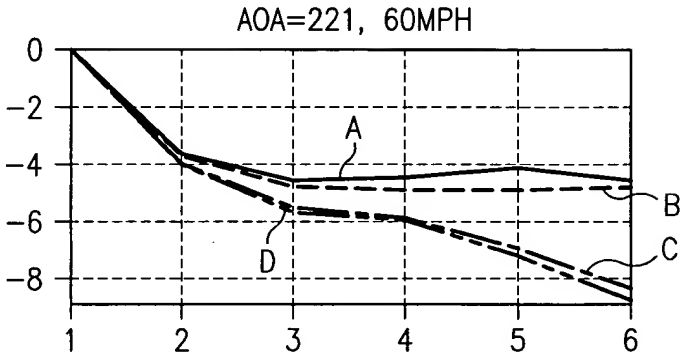


FIG. 7

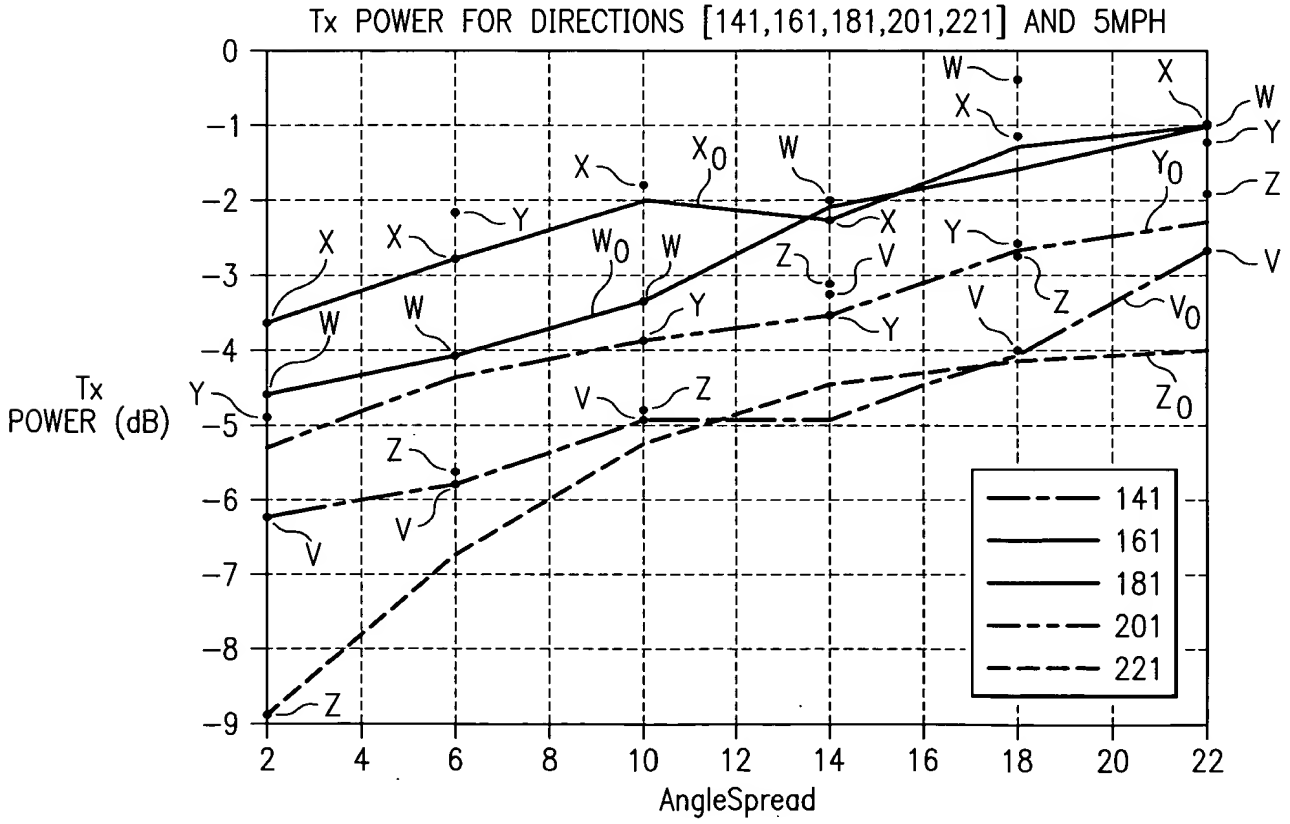


FIG. 8

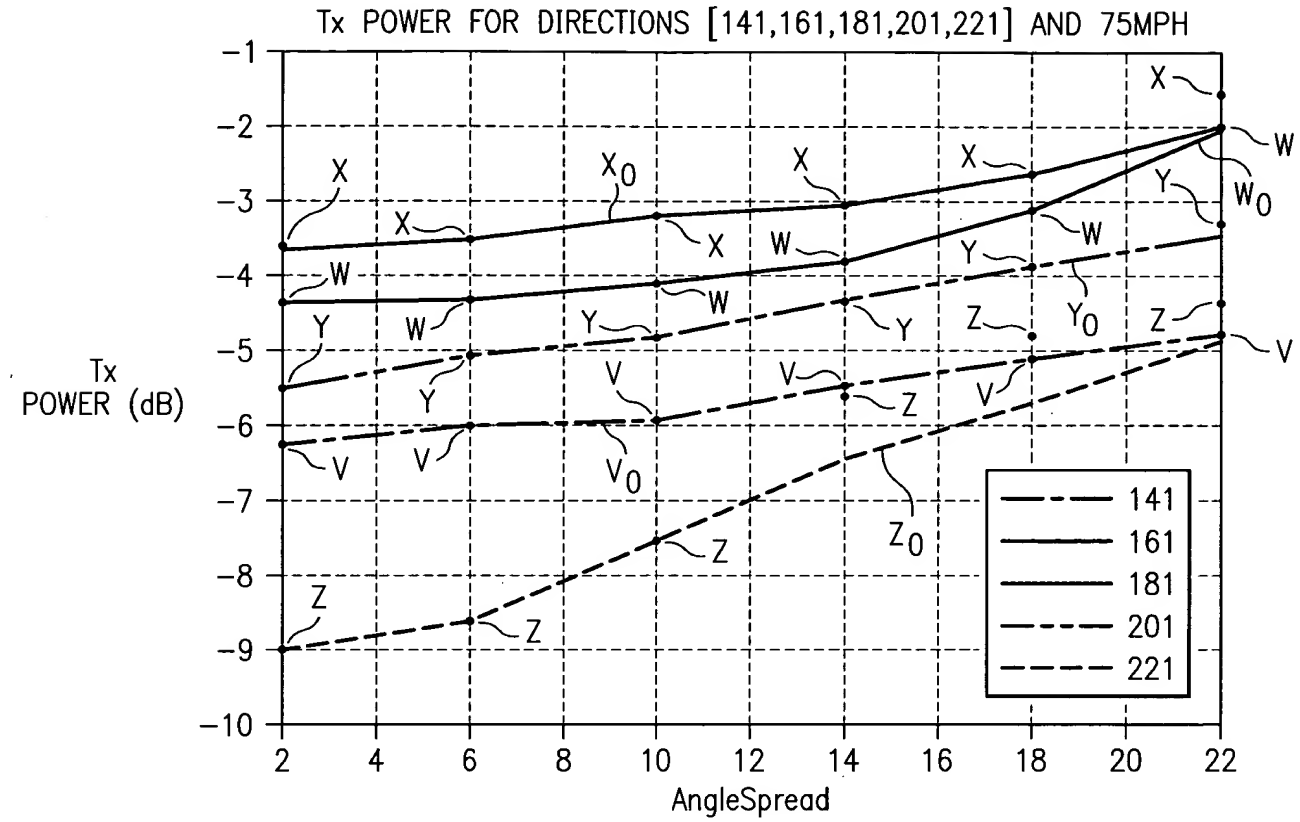
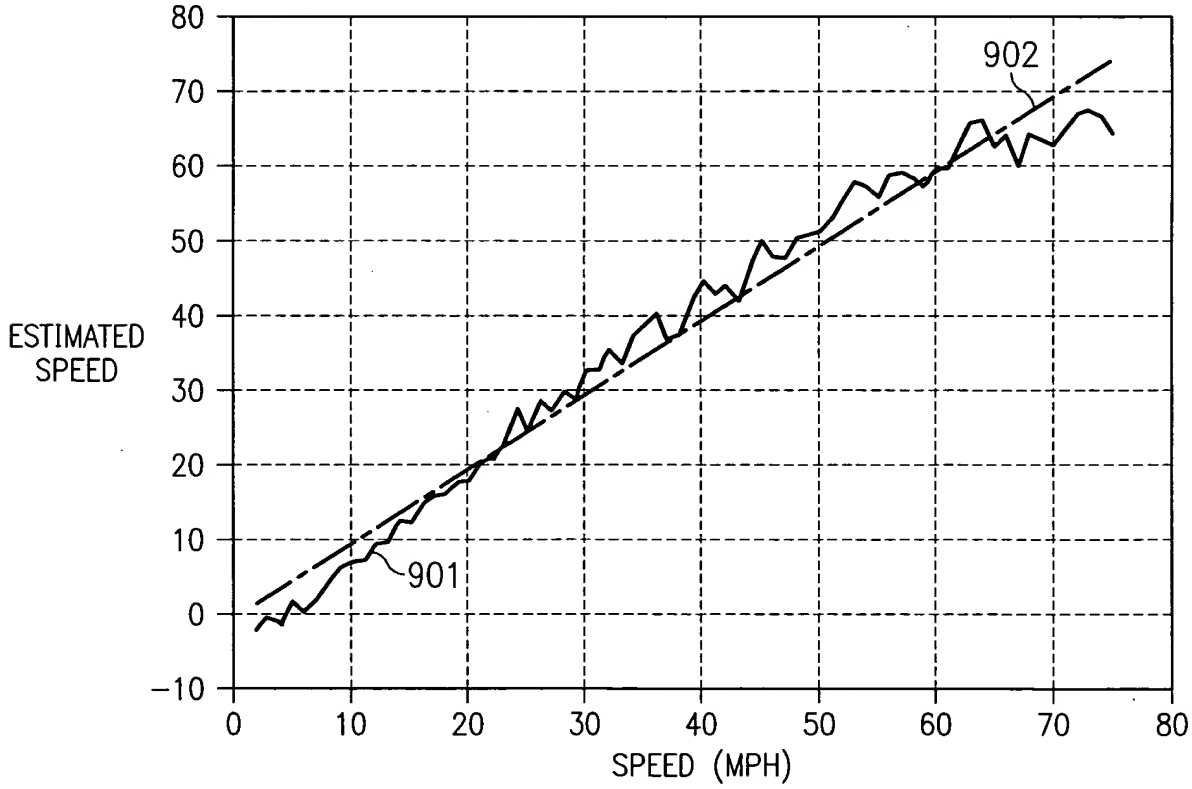

Tx POWER FOR DIRECTIONS [141,161,181,201,221] AND 75MPH
Tx POWER (dB)
AngleSpread
141
161
181
201
221

FIG. 9


ESTIMATED SPEED
SPEED (MPH)
901
902